1 2 3 4 5 6

LET	ALTERATION	DATE	BY
A	IN DETAIL "A" & IN B/M IN -21 SUB ASS'Y REMOVED AN100-3 (1). AN43-16 WAS AN43-20 & AN360-416 WAS AN365-428. ADDED NOTE "USE CLOVE HITCH". IN DETAIL "C" & IN B/M IN -20 SUB ASS'Y AN111-3 WAS TE-52 & ADDED 28F6447-30 (1) REQ	4-3-43	C-6
	ADDED REF NOTE "28F1317-0 (REF) FOR PBY-5 #90 TO 345 - 28F1317-7 (REF) FOR PBY-5 #346 & ON & PBY-5A		
	ADDED WT. 2.2 TO CALC. WT.	4-3-43	B-7
B	AT DETAIL "C" ADDED 28T5058 (REF)		

A-3

Ⓐ
AN43-16 (1)
AN360-416 (2)
AN115-21 (1)
AN310-4 (1)
AN23-10 (1)
AN320-3 (1)
AN360-10L (2)
AN380C2-3 (1)

USE CLOVE HITCH
⑦
⑧ (REF)
28F7056 (REF)
28F2172-12
28W3017-92 (REF)
AN442D4 18 PLACES
28W3017-15 (REF)
28U5502-7 (2 REQ)
AN4DD15A (2)
AC365D428 (2)
28U5502-6 (2 REQ)
28W2017-105 (REF)

SECTION "S-S"
SCALE: 12"=1'-0

DETAIL "A"
FOR DETAIL INFORMATION NOT SHOWN SEE 28U5502 DETAIL "D".

START
WRAP
FINISH
⑦ (WIR-16-80) X 12 (2 REQ) FOR WRAPPING.

CLOVE HITCH CONNECTION TYPICAL OF ALL ATTACHMENTS EXCEPT AS NOTED

28W3017-92 (REF)
1⅛ HOLE IN SKIN.
1½ (REF)
21½ (REF)
℄ SHIP
28W3017-15 (REF)

SECTION "T-T"
SCALE 12"=1'-0

SECTION "R-R"
SCALE 1"=1'-0

TE-105 BURNDY (1 REQ)
NAF38787-2 (1 REQ)
32F239 (1 REQ)
AN392-13
AN360-8-8
NAF1086-1 (1 REQ)
Ⓐ
28F1317-0 (REF) FOR PBY-5 #90 TO 345
28F1317-7 (REF) FOR PBY-5 #346 & ON & PBY-5A
⑥
14½ 21
"V"
44' APPROX.
8 (REF)
2 (REF)
AN111-3
AN392-23
AN360-A4
AN380-2-2
(1 EA. REQ)
⑥
-20 SUB ASS'Y
Ⓑ
28T5058 (REF)
28F6447-30
Ⓐ

DETAIL "C"

SECTION "V-V"

NOTE:- ALTERNATE METHOD FOR LEAD-IN TERMINAL.
28U1051 (REF)
28U1066 (REF)
SOLDER
(APPROX.) 45° 45°

SEE DETAIL "C"
-21 SUB-ASSY

⑥ (REF)
BRASS NUT (REF)
LOCK WASHER (REF)
TE-105 BURNDY (REF)
BRASS NUT (REF)
AN935-10 (2 REQ)
BRASS WASHER (REF)
LEAD WASHER (REF)
28F5993 (2 REQ)
SKIN (REF)
SEAL-WATER TIGHT WITH ZINC-CHROMATE PASTE BETWEEN SKIN & 28F5993
STR. 28B1000-311 (REF)
NAF213258-1 (1 REQ)
℄ SHIP
23¼ ALONG CONTOUR OF SKIN
FWD.
2½ DIA. (REF)
3 DIA. (REF)
℄ 3.0
3
2 DIA. HOLE IN SKIN
10 (.193) HOLES TO MATCH 28F5993
AN526D10-10 (8 REQ)
AC365D1032 (8 REQ)

DETAIL "B"

SEE DETAIL "B"
3.0
SEE DETAIL "A"
℄ 3.0

NOTES:-
1. EXACT LENGTH OF -8 TO BE DETERMINED ON FIRST INST.
2. AFTER COMPLETION THOROUGHLY SATURATE EACH ANTENNA WITH "PAR-AL-KETONE." WIPE OFF EXCESS WITH CLEAN, DRY CLOTH.
3. BURNDY TERMINALS TE-52 & TE-105 MAY BE PURCHASED FROM BURNDY ENG. CONDON & YOUNG, LOS ANGELES, CALIF; WIR-16-80 FROM DUCOMMUN METAL SUPPLY, NEW YORK, NY; CA-73 FROM J.A. ROEBLING, LOS ANGELES, CALIF.

PART NO.	STOCK	REQ -0	
AN380C2-3		1	
AN360-10L		2	
AN320-3		1	
AN23-10		1	
AN310-4		1	
AN115-21		1	
AN360-416		2	
AN43-16		1	
-8	CAC# CA-73 (MODEL "J") X 44'-6"	1	5-B
-7	CAC# (WIR-16-80) X 12"	3	2-B
32F239		1	6-B
NAF1086-1		1	6-B
AN392-13		1	
AN360-8-8		2	
NAF38787-2		1	6-B
AN392-23		1	
AN360-A4		1	
TE-105	BURNDY LUG	1	5B
-21	SUB ASS'Y		
28F6447-30		1	
-6	CAC# CA-73 (MODEL "J") X 20"	1	6C
AN111-3		1	6C
-20	SUB ASS'Y		
NAF213258-1		1	3D
28F2172-12		1	4A
28F5993		2	4D
28U5502-6		2	4B
28U5502-7		2	3B
AN526D10-10		8	
AC365D1032		8	
AN935-10		2	
AN4DD15A		2	
AC365D428		2	
AN442D4		-	
-21	SUB ASS'Y	1	4C
-20	SUB ASS'Y	1	6C

MCR 212-1

MODEL	NEXT ASSY.	REQ.
PBY-5A	28U5510	1
PBY-5	28U1080	1

REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT. 2.2
REPLACED BY
±1/64 & ½
SCALE ¼"=1'-0" NOTED

PART NO. | STOCK | MATERIAL | SPEC. | REQ -0 | REQ -2 | REQ -3 | REQ -4 | REQ -5
PARTS LIST PER ASSY.

[redacted]

AC
NAVY None HEAT TREAT
NOTED FINISH
2-1-43 DRAFT CHECK STRESS MAT GROUP ENG
OPP HAND None
NAME ANTENNA - INSTALLATION RADIO COMM. - SENSE
J
28U5104
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

APPROVED FOR TOOLING BY V. BROWN 2-5-43

H 490